

# SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:

57-AA-0004

Name and Street Address of Facility:

University of California, Davis  
Class III Sanitary Landfill  
County Road 98  
Davis, CA 95616

3. Name and Mailing Address of Operator:

University of California, Davis  
Facilities Department  
Office of Environmental Services  
Davis, Ca 95616

4. Name and Mailing Address of Owner:

Regents of the University of California  
300 Lakeside Drive, 22nd Floor  
Oakland, CA 94612-3550

## Specifications:

Permitted Operations:

☒ Composting Facility  
(manure)

☐ Processing Facility

☐ Composting Facility  
(yard waste)

☐ Transfer Station

☒ Landfill Disposal Site

☐ Transformation Facility

☐ Material Recovery Facility

☐ Other:

Permitted Hours of Operation:

Monday through Sunday, 6:00 a.m. to 5:00 p.m.

Permitted Tons per Operating Day (Maximum):

.....500.....

Total:

Tons/Day

.....4578.....

Tons/Month

Non-Hazardous - General

.....70.....

Tons/Day

Non-Hazardous - Separated or commingled recyclables

.....15.....

Tons/Day

Non-Hazardous - Inert construction/demolition waste

.....355.....

Tons/Day

Non-Hazardous - Compost Feedstock

.....60.....

Tons/Day

Permitted Traffic Volume:

.....70.....

Total:

Vehicles/Day

Incoming waste materials

.....60.....

Vehicles/Day

Outgoing waste materials (for disposal)

.....2.....

Vehicles/Day

Outgoing materials from material recovery operations

.....8.....

Vehicles/Day

Key Design Parameters (Detailed parameters are shown on site plans bearing LEA and CIWMB validations):

Permitted Area (in acres)

Design Capacity

Max. Elevation (Ft. MSL)

Max. Depth (Ft. BGS)

Estimated Closure Date

Total	Disposal	Transfer	MRF	Composting	Transformation
53 a	39 a	— a	— a	5 a	— a
	954,571 (wmu-1 & wmu-2) cy	— tcd	— tcd	60 tcd	— tcd
	102 ft				
	26 ft				
	2040				

The permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, this permit is no longer valid. Further, upon a significant change in design or operation from the described herein, this permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previous issued solid waste facility permits.

5. Approval:

Approving Officer Signature

Thomas Y. To, R.E.H.S., MPH - Director, Yolo County Environmental Health  
Name/Title

7. Enforcement Agency Name and Address:

Yolo County Environmental Health  
10 Cottonwood Street  
Woodland, CA 95695

8. Received by CIWMB:

JUL 27 1995

9. CIWMB Concurrence Date:

AUG 23 1995

10. Permit Review Due Date:

August 30, 2000

11. Permit Issued Date:

August 30, 1995

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12. Legal Description of Facility (attach map with RFI): The facility is located in Yolo County, West of County Road 98 and North of Putah Creek. The facility is located in Section 24 of Township 8 North, range 1 East Mount Diablo Baseline and Meridian. The site latitude and longitude are 38° 33' N, 121° 48' W. The facility is located entirely within Yolo County Assessor's Parcel Number 037-190-09-1. There is no street address.

## 13. Findings:

- a. This permit is consistent with the County Solid Waste Management Plan. Public Resources Code, Section 50000 (December, 1989, page 58).
- b. This permit is consistent with standards adopted by the California Integrated Waste Management Board (CIWMB). Public Resources Code, Section 44010.
- c. The design and operation of the facility is in compliance with the State Minimum Standards for Solid Waste Handling and Disposal as determined by the LEA (July, 1995) except for a violation of Title 14, Section 17258.23 - Explosive Gas Control. In December, 1993 the operator detected methane in excess of the Lower Explosive Limit (LEL) of 5% in air in the 20' deep probe at Landfill Gas Well #7 at the Northeast corner of the Permitted Site Boundary (PSB). To comply with the standard, the operator immediately placed the results in the operating record, took appropriate steps to protect human health, and notified the LEA. Additionally, the operator is conducting routine, quarterly monitoring for methane and is implementing a LEA/CIWMB approved (March 14, 1995) remediation plan for the migration of landfill gas in compliance with the standard. The methane gas migration remediation system will be in place by September 30, 1995. The LEA has found that this violation does not pose a significant threat to public health and safety or the environment based upon the following: 1) Methane gas has not been detected in ambient air at any concentration at the PSB, 2) The landfill is located in a sparsely populated area, 3) The routine air monitoring of occupied structures on the landfill has not revealed significant concentrations of methane, and 4) The nearest occupied off-site structure is 1,200 feet Northeast of the landfill.
- d. The following local fire protection district has determined that the facility is in conformance with applicable fire standards as required in Public Resources Code, Section 44151 (U.C. Davis Fire).
- e. An Environmental Impact Report (SCH# 93081104) was filed with the State Clearinghouse pursuant to Public Resources Code, Section 21081.6 (Notice of Determination filed July 7, 1995).
- f. A County-wide Integrated Waste Management Plan has not been approved by the CIWMB.
- g. The following authorized agent has made a determination that the facility is consistent with, and designated in, the applicable general plan: Yolo County Community Development Agency (November, 1989). Public Resources Code, Section 50000.5(a).
- h. The following local governing body has made a written finding that surrounding land use is compatible with the facility operation, as required in Public Resources Code, Section 50000.5(b): U.C. Davis Planning.

## 14. Prohibitions:

The permittee is prohibited from accepting any liquid waste sludge, non-hazardous waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed below, and unless the acceptance of such waste is authorized by all applicable permits.

Wastes including campus residential, commercial, industrial, demolition, agricultural, non-designated dried sewage sludge, non-designated incinerator ash, treated medical waste, inerts, tires, properly decayed former low level radiological waste.

The permittee is additionally prohibited from the following items:

Disposal of hazardous wastes, designated wastes, asbestos, dead animals, untreated medical waste, liquid wastes, household hazardous waste, and radiological wastes (with the exception of those listed above).

## 15. The following documents also describe and/or restrict the operation of this facility (insert document date in space):

Date	Date
[x] Report of Facility Information.....06/95	[ ] Contract Agreements - operator and contract.....N/A
[ ] Land Use Permits and Conditional Use Permits.....N/A	[ ] Operating Liability.....Exempt
[ ] Air Pollution Permits and Variances.....N/A	[x] Waste Discharge Requirements (94-266).....09/94
[x] EIR SCH 93081104.....07/95	[ ] Local & County Ordinances.....N/A
[ ] Lease Agreements - owner and operator.....N/A	[ ] Final Closure & Post Closure Maintenance Plan....N/A
[x] Preliminary Closure/Post Closure Plan.....03/94	[ ] Amendments to RFI.....N/A
CIWMB accepted for filing.....10/94	[x] Other (list):
[x] Closure Financial Responsibility Document.....09/94	Mitigative Measures (MMIS).....07/95
	Wetlands Permit.....09/94
	Gen. Ind. Storm. Discharge Permit.....01/93
	NPDES Order No. 95-187.....06/95

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## 16. Self Monitoring:

a. Results of all self-monitoring programs as described in the Report of Facility Information, will be reported as follows:

Program	Reporting Facility	Agency Reported To
Report of quantities and type of waste received (daily average, monthly and annual total):	Annual	LEA
Report of quantities and types of recyclables received (daily average, monthly and annual total):	Annual	LEA
Summary of environmental measurements of water quality, landfill gas, and chemical burn trench soil remediation:	Quarterly	LEA
Environmental measurements of manure compost:	Annual	LEA
Summary of analytical data of chemical contamination not previously defined in air, soil, or groundwater:	Ten (10) working days	LEA
Log of special occurrences which include, but not limited to: fires, explosions, accidents, unauthorized disposal of hazardous, medical, or radiological wastes, equipment failures, and operational difficulties:	Available upon request	LEA
Report of significant occurrences:	Within seventy-two (72) hours	LEA
Summary of hazardous waste screening and load checking programs:	Annual	LEA
Report of any nuisance, health or safety complaints regarding this facility, written or verbal, and actions taken by the operator to address/correct:	Within seven (7) calendar days	LEA

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## 7. LEA Conditions:

1. This facility shall comply with all State Minimum Standards for solid waste handling and disposal.
2. This facility shall comply with all Federal, State, and local enactments, including all mitigation measures given in any certified environmental document filed pursuant to Public Resources Code, Section 21081.6.
3. Open burning of wastes is prohibited.
4. Standing water on covered fill areas is prohibited.
5. Manure compost shall be tested as follows: a representative composite sample shall be taken for every 5000 cubic yards produced and analyzed pursuant to the Environmental Health Standards contained in 14 CCR (metals and pathogen reduction).
6. Metal salvage shall be removed every 45 days or earlier if directed by the LEA.
7. This permit does not sanction additional composting operations unless approved by the LEA and CIWMB.
8. This permit reflects the following changes: increase in maximum daily tonnage from 32.5 TPD to 500 TPD (monthly tonnage maximum - 4578 TPM), increase in acreage from 19 to 53 acres (23 acres existing, construction of a new 16 acre waste management unit, and 14 acres for ancillary facilities), increase in elevation to 102 feet above mean sea level, operation of manure composting, metal and wood salvage operations, operating hours of 6:00 a.m. to 5:00 p.m., 365 days a year, and relocation of landfill entrance, scales, scalehouse, and ancillary facilities.  
  
Any design or operational change not sanctioned by this permit shall be prohibited unless approved by the LEA and CIWMB.  
  
All additional information concerning the landfill shall be provided to the LEA upon request.
9. This permit supersedes any other previously dated Solid Waste Facility Permit.
10. The owner/operator shall record and maintain an operating record as required pursuant to 14 CCR, Section 17258.29.
11. Manure composting operations area sited on a waste management unit's intermediate cover shall be located on foundation substrate that is stabilized, either by natural or mechanical compaction, to minimize differential settlement, ponding, soil liquefaction, or failure of pads or structural foundations.